

Title (en)  
SYNTHESIS OF TRIETHYLENE GLYCOL BIS(2-ETHYLHEXANOATE)

Title (de)  
SYNTHESE VON TRIETHYLENGLYCOL-BIS(2-ETHYLHEXANOAT)

Title (fr)  
SYNTHÈSE DE TRIÉTHYLÈNE GLYCOL BIS(2-ÉTHYLHEXANOATE)

Publication  
**EP 3880643 B1 20221109 (EN)**

Application  
**EP 19817464 A 20191112**

Priority  
• US 201816188958 A 20181113  
• US 2019060822 W 20191112

Abstract (en)  
[origin: US2020148619A1] A process for the transesterification of methyl-2-ethylhexanoate with triethylene glycol to produce triethylene glycol di-2-ethylhexanoate is provided. In the process, methyl-2-ethylhexanoate is combined with triethylene glycol to form a first mixture. The first mixture is heated in the presence of a catalyst to form a second mixture comprising methanol and triethylene glycol di-2-ethylhexanoate. Methanol is separated from the second mixture to yield triethylene glycol di-2-ethylhexanoate. Na<sub>2</sub>CO<sub>3</sub>, Cs<sub>2</sub>CO<sub>3</sub>, K<sub>2</sub>CO<sub>3</sub>, Rb<sub>2</sub>CO<sub>3</sub>, sodium methoxide or titanium isopropoxide are suitable catalysts.

IPC 8 full level  
**C07C 67/03** (2006.01)

CPC (source: EP US)  
**B01J 27/232** (2013.01 - US); **B01J 31/0212** (2013.01 - US); **C07C 67/03** (2013.01 - EP US); **B01J 2531/46** (2013.01 - US);  
**C07C 69/708** (2013.01 - US)

C-Set (source: EP)  
**C07C 67/03** + **C07C 69/28**

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10829429 B2 20201110; US 2020148619 A1 20200514**; CN 112996766 A 20210618; CN 112996766 B 20240705; EP 3880643 A1 20210922;  
EP 3880643 B1 20221109; WO 2020102128 A1 20200522

DOCDB simple family (application)  
**US 201816188958 A 20181113**; CN 201980074563 A 20191112; EP 19817464 A 20191112; US 2019060822 W 20191112